(d) whether the contract farming would result in more exploitation of small and marginal farmers by land owners ?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV) : (a) to (c) In the National Agriculture Policy, it is stated that private sector participation will be promoted through contract fanning and land leasing arrangements to allow accelerated technology transfer, capital inflow and assured markets for crop production, especially of oil seeds, cotton and horticultural crops. It is also mentioned that the Government will provide active support for promotion of cooperative form of enterprise and ensure greater autonomy and operational freedom to them to improve their functioning. No specific scheme, however, has been initiated by the Government to introduce co-operative and contract fanning.

(d) farming on contract basis is purely voluntary decision of any farmers.

Production Cost and Realisation Prices of Crops

1975. SHRI SURESH PACHOURI: Will the Minister of AGRICULTURE be pleased to state :

(a) whether it is a fact that in view of the trends in the cost of production of different crops *vis-a-vis* realization in terms of their prices, the agriculture, is not a paying proposition: and

(b) the cost of production of major crops, item-wise and crop-wise, *vis-a-vis* their sale price, during the last three-years ?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV): (a) Analysis of data, for major crops like wheat, rice and sugarcane grown in certain States like Punjab, Haryana, UP. etc.. shows that average realization of the farmers is higher than the Cost of Production.

(b) A statement of cost of production data based on the data collected under the Comprehensive Scheme for studying the Cost of Cultivation of Principal Crops is annexed.

STATEMENT

Item-wise Cost of Production and Implicit Price (average realisations) in respect of major crops during 1996-97 to 1998-99

SI No	Items	SUGARCANE—1996-97				SUGARCANE—1997-98				SUGARCANE—1998-99			
		1 UP.		MAHARASHTRA		U.P.		MAHARASHTRA		UP		SAHAR	SHTRA
		Cost of Production (Rs/ Qtl)	Implicit Price (Rs./ Qtl)	Cost of Production (Rs./ Qtl)	Implicit Price (Rs./ Qtl)	Cost of Production (Rs./ Qtl)	Implicit Price (Rs./ Oil).	Cost of Production (Rs./ Qtl)	Implicit Price (Rs./ Qtl)	Cost of Productions (Rs./ Qtl)	Price (Rs./ Qtl)	A Cost Production (Rs./ Qtl)	Implicit Price (Rs./ Qtl)
1	2	3	4	5	6	7	8	9	10	1	12	13	14
1	Human Labour	12.28		1139		13.20		11.87		1415		1231	
2	Animal Labour	061		152		065		1.40		0.71		1.37	
3	Machine Labour	0.80		2.84		0.55		2.89		1.15		3,30	
4	Seed	311		1.30		1.91		2.23		3 50		4.24	
5	Fertiliser	301		371		277		4.82		3.22		5.55	
6	Manure	0.52		0 30		0 71		0.55		1.03		0.62	
7.	Insecticide	0.13		0 00		004		0.00		0.07		0.00	
8.	Irrigaliop Charges	180		4.40		207		4.97		2 29		4.45	
9.	Miscellaneous	0.00		0.00		000		0.00		0.00		0.00	
10.	Interest on Working Capital	0.98		1.39		0.91		1.56		1.13		.1.73	
11	Rental Value of owned land	1700		7 69		17.17		9 86		19.33		10.63	
12.	Other Fixed Costs	3.23		3.79		3.11		3.44		3.68		3.31	
	TOTAL	43. 49	65.29	38.31	46..66	43.08	72.71	43.59	58.43	50.25	77..32	47.52	62.61

SIN	so Items	WHEAT 1996-97				WHEAT 1997-98				WHEAT 1998-99			
		PUNJAB		HARYANA		PUNJAB		HARYANA		PUNJAB		HARYANA	
		Cost of Produc-tion (Rs./ Qtl)	Implicit Price (Rs/ Qtl)	Cost of Produc-tion (Rs Qtl)	Implicit Price (Rs./ Qil)	Cost of Produc-tion (Rs./ Qtl)	Implicit Price (Rs, Qtl)	Cost of Produc-tion (Rs./ Qtl)	Implicit Price (Rs Qtl)	Cost of Produc-tion (Rs/ Qtl)	Implicit Price (Rs/- Qtl)	Cost of Produc-tion (Rs./ Qtl)	Implicit Price (Rs/ Qtl)
1	2	3	4	5	6	7	8	9	10	1	12	13	14
1	Human Labour	58 28		63.57		72 45		77.58		6167		68 05	
2	Animal Labour	0 89		5.08		1 40		4 23		1.21		3.55	
3	Machine Labour	31.96		35.09		40 21		44 85		42 31		4146	
4	Seed	13 04		17 48		1643		19.61		16 15		18 11	
5	Fertiliser	4649		38 38		55.03		42.13		44.24		3763	
6	Manure	0 80		0.07		0 39		0 00		0 22		0 00	
7	Insecticide	7 83		1 68		10 19		2.52		12 67		4 92	
8	Irrigation Charges	688		25 89		5.11		2436		3.17		17,99	
9	Miscellaneous	0 92		0.00		0.58		0.00		0 70		0 00	
10.	Interest on Working Capital	469		4.39		5 68		5.05		5 12		4 63	
1 1	Rental Value of owned land	139.88		109 82		140 09		141 93		15235		142 33	
12	Other Fixed Costs	50.84		34.69		64 40		29 59		58 77		27.09	
	TOTAL	362.50	474.70	336.13	478.52	411.97	509.75	391.85	511.29	398.58	549.74	365.7?	549.97

SI No	Items	PADDY-1996-97				PADDY-1997-98				PADDY-1998-99			
		W BENGAL		U.P.		W BENGAL		UP		W BENGAL		U.P	
		Cost of Production (Rs/ Qtl)	Implicit Price (Rs./ Qtl)	Cost of Production (Rs./ Qtl)	Implicit Price (Rs./ Qtl)	Cost of Production (Rs./ Qtl)	Implicit Price (Rs./- Qtl)	Cost of Production (Rs Qtl)	Implicit Price (Rs/ Qtl)	Cost of Production (Rs/ Qtl)	Implicit Price (Rs.' Qtl)	Cost of Production (Rs/ Qtl)	Implicit Price (Rs, Qtl)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	Human Labour	139.94		99.93		162-90		61.60		185 24		127 56	
2.	Animal Labour	2859		16.33		3544		1785		38 02		1242	
3.	Machine Labour	5.80		13.87		6.70		22.43		7 07		22.07	
4.	Seed	9.88		17.26		12.08		23.92		t4.73		25 33	
5	Fertiliser	23.96		25 69		24 28		35.90		26 99		32 60	
6	Manure	1038		4 85		1053		2.94		14 70		2.92	
7	Insecticide	3.21		2.37		4.42		2.42		5 34		2 53	
8	* Irrigation Charges	16.80		8.48		25.82		16 60		25.17		9 06	
9	Miscellaneous	006		0.00		0 48		0.00		0.21		0 00	
10.	Interest on Working Capital	529		3.98		6.28		5.78		6.97		506	
11	Rental Value of owned land	102.65		8415		11031		107 03		130 48		95.31	
12	Other Fixed Costs	3260		3229		30.42		4144		35 54		3582	
	TOTAL	379.16	424.00	309.20	394.19	429.26	441.98	337.91	383.26	490.46	558.53	370.68	431.94